

Comparisons of Job Characteristics

Focus Occupation: [Agricultural Equipment Operators \(45-2091\)](#)

Associated Occupation: [Pesticide Handlers, Sprayers, and Applicators, Vegetation \(37-3012\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 11

Focus Occupation: [Agricultural Equipment Operators \(45-2091\)](#)

Associated Occupation: [Pesticide Handlers, Sprayers, and Applicators, Vegetation \(37-3012\)](#)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Customer and Personal Service | 11.3 | 13.6 | 7.4 | << Extensive education and/or training may be required |
| Mechanical | 6.8 | 11.1 | 7.9 | << Extensive education and/or training may be required |
| Public Safety and Security | 6.9 | 8.9 | 4.4 | << Extensive education and/or training may be required |
| Chemistry | 4.8 | 8.3 | 13.0 | >> Current knowledge level is likely more than sufficient |
| Biology | 3.7 | 7.5 | 3.5 | << Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: [Agricultural Equipment Operators \(45-2091\)](#)

Associated Occupation: [Pesticide Handlers, Sprayers, and Applicators, Vegetation \(37-3012\)](#)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation and Control | 5.4 | 8.2 | 12.6 | >> Skill level is likely more than sufficient |
| Operation Monitoring | 6.6 | 8.2 | 12.0 | >> Skill level is likely more than sufficient |
| Equipment Maintenance | 3.5 | 6.2 | 8.3 | >> Skill level is likely more than sufficient |
| Repairing | 3.4 | 5.1 | 8.7 | >> Skill level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Control Precision | 6.6 | 10.1 | 12.6 | > | Current ability level is likely sufficient |
| Arm-Hand Steadiness | 6.8 | 9.9 | 10.1 | 0 | Current ability level may be sufficient |
| Manual Dexterity | 6.5 | 9.7 | 10.1 | 0 | Current ability level may be sufficient |
| Multilimb Coordination | 6.0 | 9.1 | 12.3 | >> | Current ability level is likely more than sufficient |
| Depth Perception | 5.3 | 8.5 | 10.6 | > | Current ability level is likely sufficient |
| Static Strength | 5.0 | 7.9 | 7.7 | 0 | Current ability level may be sufficient |
| Rate Control | 3.8 | 7.2 | 9.0 | > | Current ability level is likely sufficient |
| Stamina | 4.0 | 5.8 | 4.8 | < | Some improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

| Work Activities | Exclusivity of Activity |
|---|-------------------------|
| Mix paint, ingredients, or chemicals, according to specifications | 35 |
| Move or fit heavy objects | 8 |
| Operate agricultural equipment or machinery | 81 |
| Use hand or power tools | 2 |
| Use herbicides, fertilizers, pesticides or related products | 71 |
| Use portable hand spray equipment | 82 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

| Tools and Technologies | Exclusivity |
|---|-------------|
| Tools and technology data is unavailable for one or both occupations. | |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.